TEST REPORT FOR SAND MASONRY MORTARS

CP-2020-09-16-54 **Date: 15-06-20**

:

Lab ID

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	3.18	–
2	Specific Gravity	2.51	–
3	Material finer than 75 micron(%)	12.2	Crushed Fine aggregate Max 15%
4	*Compacted Bulk Density (Kg/litre)	1.90	–
5	*Loose Bulk Density (Kg/litre)	1.73	–

FOR CIVIL Pro.

CIVIL Pro Sig..... Date..... BANGALORE

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

****End of Report****

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Certificate No.: TC-5548

Format No: CP/TF/2017

TEST REPORT FOR PLASTER SAND

Lab ID : CP-2020-09-16-54 Date: 16-06-20

Project Name : Balance Works to Hoysala Stadium and Construction of Samudaya Bhavana at Judicial Layout in Ward No.4

Agency : Sri.H.V.Onkarappa, #27, Taralabalu Enclave, Near Police Station, Yelahanka, Bangalore-64

Customer's Reference : EE(Project)/Ynk Zone/WO/157/2019-20

Date of Receipt : 12-06-20

Sample Type : Plaster Sand

Reference to BIS codes : IS: 383 : 2016 (Specification for Coarse and fine Aggregates)
IS1542:1992 (Sand for Plaster - Specification)
IS: 2386 :1963(Part - 1, 3) RA2012
IS 2386 Part 1: Particle Size and Shape
IS 2386 Part 3: Specific gravity, Density, Voids,Water Absorption

Date of test : 12-06-20

Total weight taken : 1000 grams

Sl.no	Sieve Size	Weight Retained (gms)	Cumulative Weight Retained (gms)	% Cumulative Weight Retained	% Passing	Requirement as per IS: 2116-1980 (RA-2007)
1	10 mm	0	0	0	100	100
2	4.75 mm	35	35	3.5	96.5	95-100
3	2.36 mm	15	50	5	95	95-100
4	1.18 mm	50	100	10	90	90-100
5	600 micron	100	200	20	80	80-100
6	300 micron	215	415	41.5	58.5	20-65
7	150 micron	500	915	91.5	8.5	0-15
8	Pan	85	1000	100	0	---

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TEST REPORT OF FINE AGGREGATE

Lab ID : CP-2020-09-16-54 Date: 16-06-20

PHYSICAL PROPERTIES

Sl.no	Tests	Result	Requirements as per IS 383:2016
1	Water Absorption(%)	1.8	–
2	Specific Gravity	2.56	–
3	Material finer than 75 micron(%)	8.5	Uncrushed fine Aggregate Max 3%, Crushed Fine aggregate Max 15%, Mixed Fine aggregate Max 12%, Manufactured Fine aggregate Max 10%

FOR CIVIL Pro.

R KARTHIK RECHAN
Authorized Signatory
Quality Manager

CIVIL Pro BANGALORE Sig. Date

****End of Report****

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Certificate No : TC-3049

CEMENT CONCRETE PRECAST CONCRETE BLOCKS FOR PAVING

	:	CP-2020-09-16-54 **Date: 12-08-20**
	:	Balance Works to Hoysala Stadium and Construction of Samudaya Bhavana at Judicial Layout in Ward No.4
	:	Sri.H.V.Onkarappa, #27, Taralabalu Enclave, Near Police Station, Yelahanka, Bangalore-64
	:	EE(Project)/Ynk Zone/WO/157/2019-20
	:	07-08-20
Customer Reference	:	Precast concrete blocks for paving
Nature of Receipt	:	IS 15658:2006
Sample Type/ Size	:	07-08-20
Reference to BIS codes		
Date of test		

1. Compressive Strength

Sl.No.	Dimension (mm) L	B	T	Compressive Strength (N/mm²)	Average (N/mm²)
1	197.22	159.88	75.99	32.5	33.1
2	198.48	159.64	75.25	33.8	
3	199.54	159.54	75.48	32.5	
4	197.68	159.22	75.55	33.5	
5	198.11	159.87	75.32	32.8	
6	198.18	160.02	75.11	33.4	
7	198.45	158.99	75.98	33.2	
8	197.22	159.22	75.12	32.8	

2. Water Absorption

Sl.No.	Wet Weight	Dry weight	Thickness	Water Absorption (%)	Average (%)
1	4.987	4.828	75.85	3.29	3.64
2	4.898	4.721	75.22	3.75	
3	4.988	4.802	75.44	3.87	

FOR CIVIL Pro.

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End of Report

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Certificate No: TC-5548

TEST RESULTS OF STEEL

Format No: CP/TF/01

: CP-2020-09-16-54

Date: 19-05-20

: Balance Works to Hoysala Stadium and Construction of Samudaya Bhavana at Judicial Layout in Ward No.4

: Sri.H.V.Onkarappa, #27, Taralabalu Enclave, Near Police Station, Yelahanka, Bangalore-64

: EE(Project)/Ynk Zone/WO/157/2019-20

: 18-05-20

: Sunvik

: IS 1786-2008, IS:1608-2005(RA 2011), IS 1599-2012.

: 18-05-20

S.No	Identification of sample	Grade of the sample	Diameter of the steel bar	Weight of the sample	Yield stress	Tensile strength	Elongation	Bend test	Rebend test
			(mm)	(kg/m)	(N/mm2)	(N/mm2)	(%)		
1	Sunvik	Fe500	8	0.391	512	652	20.0%	Satisfactory	Satisfactory
2	Sunvik	Fe500	12	0.888	544	668	20.0%	Satisfactory	Satisfactory
3	Sunvik	Fe500	16	1.581	572	674	19.0%	Satisfactory	Satisfactory

FOR CIVIL Pro.

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Page 1/1
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